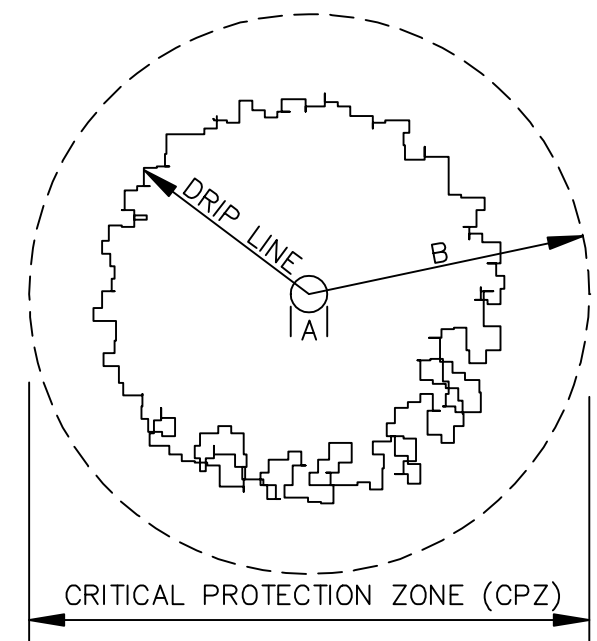
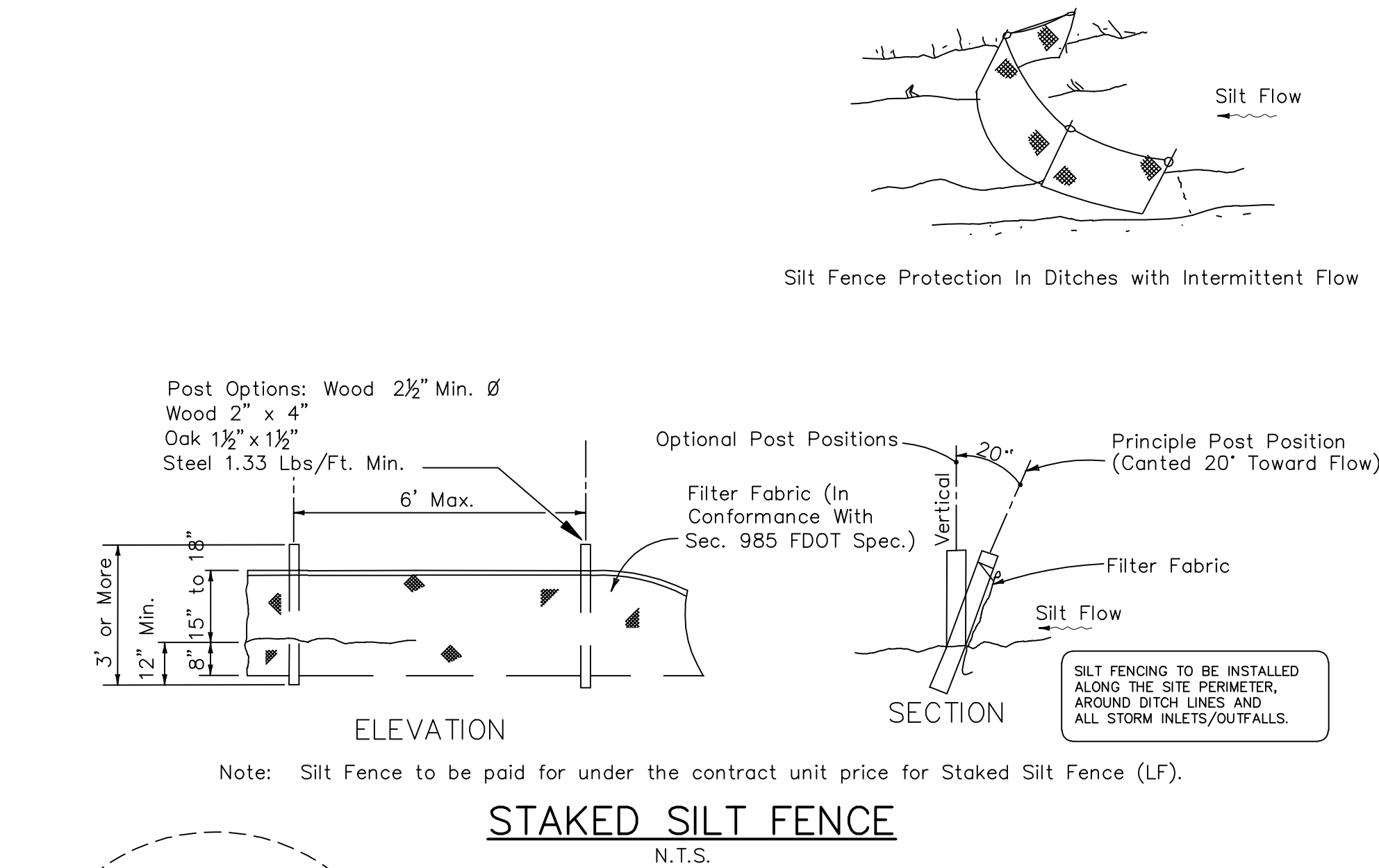
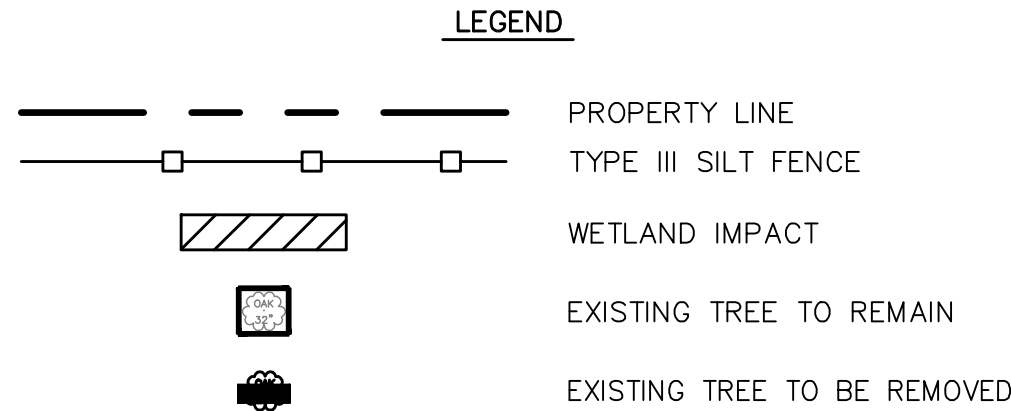
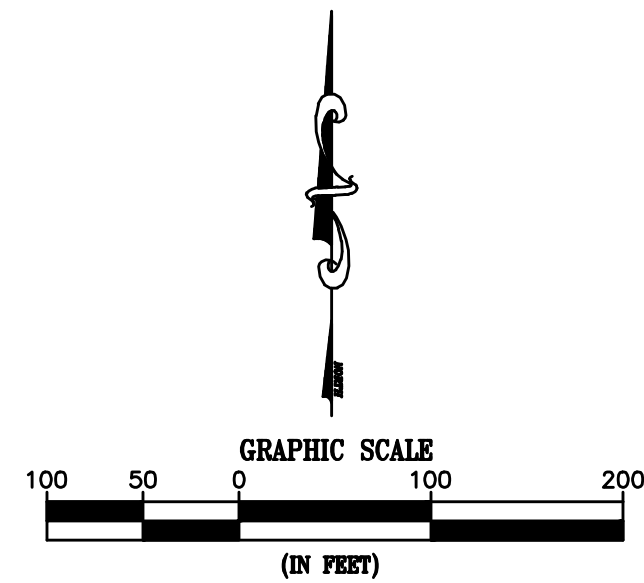
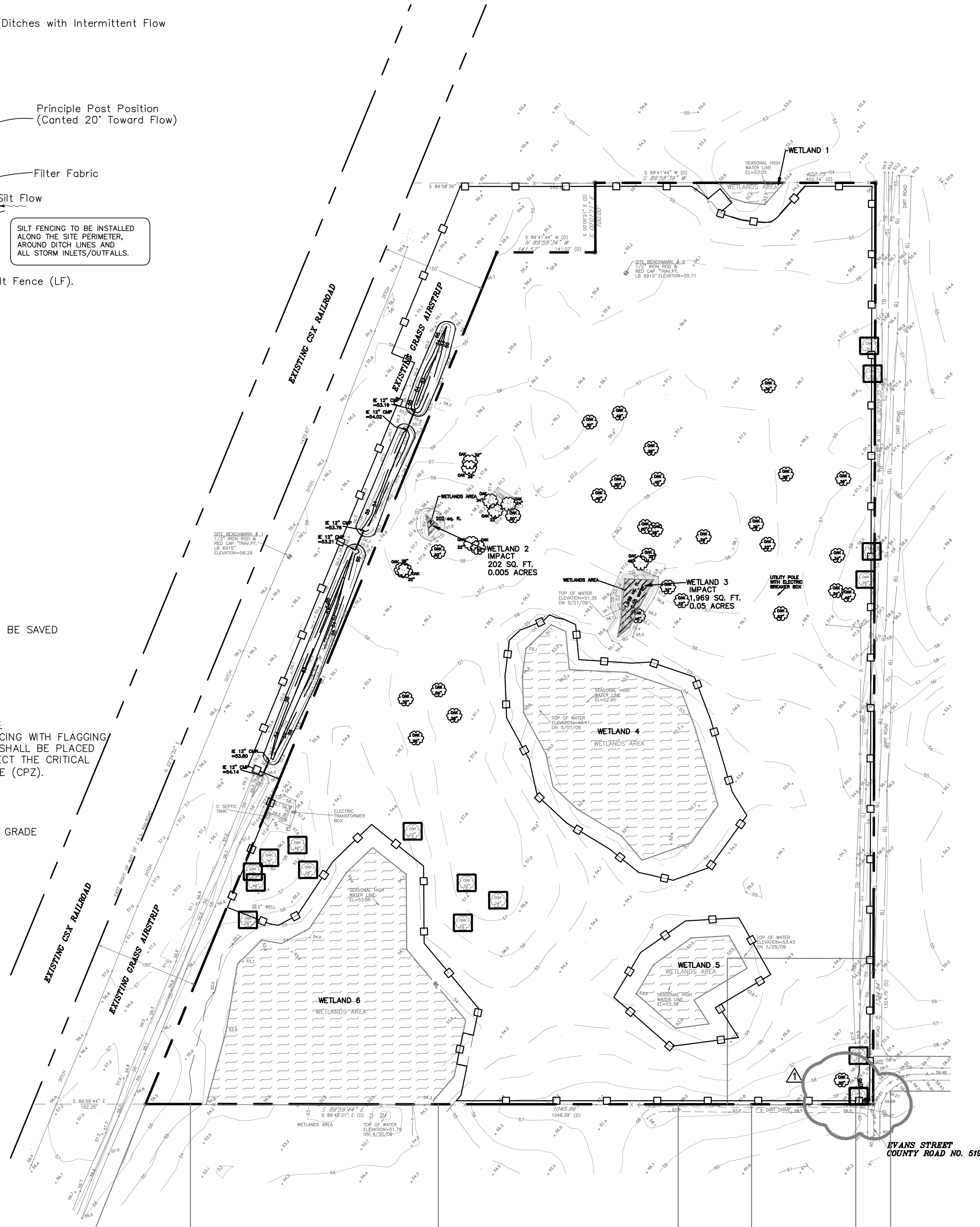


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TREE PROTECTION REQUIREMENTS

- PROTECT DESIGNATED EXISTING TREES AGAINST:
 - UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS
 - SKINNING AND BRUISING OF BARK
 - SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION OR EXCAVATION MATERIALS WITHIN DRIP-LINE
 - EXCESS FOOT OR VEHICULAR TRAFFIC
 - PARKING VEHICLES WITHIN DRIP-LINE
- ERECT TEMPORARY TREE PROTECTION FENCING AS SHOWN ON THE DETAIL SHEETS. BEFORE COMMENCEMENT OF ANY SITE CLEARING OR GRADING, ALL FENCING SHOULD BE A MINIMUM OF 10' CLEAR DISTANCE FROM THE FACE OF ANY TREES AND SHALL FULLY ENCLOSE ALL TREES SCHEDULED TO REMAIN. NOTHING SHALL BE PLACED INSIDE OF PROTECTIVE BARRICADES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIAL, MACHINERY, CHEMICALS, OR TEMPORARY SOIL DEPOSITS. ON TREES LARGER THAN 20" DBH, BARRICADES SHALL BE NO CLOSER THAN 15' FROM FACE OF TREE. WHEN PAVING, EXCAVATION OR HARDSCAPE MUST BE DONE WITHIN BARRICADES, BARRICADES SHALL BE MOVED BACK TO A SECONDARY LOCATION AT EDGE OF WORK. EXTRA CARE MUST BE TAKEN AT THIS TIME BY THE CONTRACTOR TO ENSURE THAT NO DAMAGE TO THE TREE OCCURS.
- PROVIDE WATER TO TREES AS REQUIRED TO MAINTAIN THEIR HEALTH DURING CONSTRUCTION WORK.
- WHEN NECESSARY TO CUT ROOT OVER 1-1/2" DIAMETER OF TREES TO REMAIN, CUT MUST BE A CLEAN CUT, COAT CUT FACES OF ROOTS WITH AN EMULSIFIED ASPHALT OR OTHER ACCEPTABLE COATING FORMULATED FOR USE ON DAMAGED PLANT TISSUE. TEMPORARILY COVER EXPOSED ROOTS WITH WET BURLAP TO PREVENT DRYING AND COVER WITH EARTH AS SOON AS POSSIBLE.
- NO GRADE CHANGES ARE TO BE MADE WITHIN THE BARRICADES WITHOUT PRIOR APPROVAL OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE.
- INTERFERING BRANCHES MAY BE REMOVED AT THE DIRECTION OF THE OWNER OR HIS DESIGNATED REPRESENTATIVE BY A QUALIFIED TREE SURGEON.
- REPAIR OR REPLACE TREES INDICATED TO REMAIN, WHICH ARE DAMAGED IN THE CONSTRUCTION OPERATIONS, IN A MANNER ACCEPTABLE TO THE OWNER. EMPLOY A QUALIFIED TREE SURGEON TO REPAIR MAJOR DAMAGES TO TREES AND SHRUBS, PROMPTLY, TO PREVENT PROGRESSIVE DETERIORATIONS CAUSED BY THE DAMAGE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF TREES DAMAGED BEYOND REPAIR WITH 3 TREES OF SIMILAR QUALITY AND SPECIES, SIZED TO MATCH THE LARGEST TREES OF THAT SPECIES BEING PLANTED AS PER THE LANDSCAPE PLANS. IF TREES ARE HARMED THROUGH LACK OF PROTECTION OR THROUGH NEGLIGENCE ON THE PART OF THE CONTRACTOR, THE CONTRACTOR SHALL BEAR THE BURDEN OF THE COST OF REPAIR OR REPLACEMENT.



BEST MANAGEMENT PRACTICES

- SILT FENCE SHALL BE PROPERLY INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION SITE PRIOR TO ANY CLEARING.
- MINIMIZE CLEARING AND GRUBBING AREAS TO AREAS OF CURRENT WORK. DO NOT CLEAR MORE AREA THAN IS NEEDED FOR THE CURRENT WORK AREA OR PHASE.
- TEMPORARY EROSION PROTECTION SUCH AS SILT FENCING, DUST SCREENS, SEDIMENT BASINS, INLET PROTECTION, SWALES, BERMS, SODDING, TURBIDITY BARRIERS, SOIL TRACKING PREVENTION STATIONS AND MONITORING SHALL BE IN PLACE EARLIEST PRACTICAL TIME.
- PERMANENT EROSION PROTECTION SUCH AS PONDS, SWALES, BERMS, SODDING AND LANDSCAPING SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME.
- ALL POINTS OF DISCHARGE OR STEEP SLOPED AREAS NEED ADDITIONAL ATTENTION AND PROTECTION SUCH AS DOUBLE ROW SILT FENCE, STAKING SOD, COMPACTION OR EROSION PROTECTION MATTING, AS SITE CONDITIONS DETERMINE.
- EROSION PROTECTION MEASURES SHALL BE INSPECTED WEEKLY AND PRIOR TO EXPECTED RAIN EVENTS AND FOLLOWING ALL RAIN EVENTS OF 0.5" OR GREATER.
- TEMPORARY MEASURES CAN BE REMOVED AFTER PROJECT IS COMPLETE INCLUDING SODDING AND LANDSCAPE ESTABLISHED. ALL PONDS, SWALES AND PIPES SHALL BE CLEANED OF ALL SEDIMENT AND BROUGHT TO FINAL GRADES.

NOTE:
CONTRACTOR SHALL USE DIGITAL FILE PROVIDED BY ENGINEER FOR SILT FENCE STAKE-OUT AND TREE TO REMAIN. PRIOR TO ANY CLEARING, SILT FENCE AND TREES SHALL BE REVIEWED AND APPROVED BY ENGINEER.

- NOTES:
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE WORK APPEARS TO INTERRUPT AN EXISTING STORM WATER DRAINAGE PATTERN. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION SUCH THAT IMPACT TO CONSTRUCTION AND/OR SURROUNDING FACILITIES IS MINIMIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION, SEDIMENT TRANSPORT, DISTURBED FOUNDATIONS, IMPACT TO STRUCTURES, AND ANY OTHER DAMAGE CAUSED DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT INTO OFF-SITE DRAINAGE DITCHES DUE TO CONSTRUCTION OPERATIONS. APPROVED EROSION CONTROL DEVICES SHALL BE INSTALLED TO PREVENT DISCHARGE OF SEDIMENT INTO A DRY OR WET WATERCOURSE. EROSION CONTROL SHALL CONSIST OF ANCHORED COCONUT FIBER MATERIAL BALES, SILT FENCE, OR OTHER EROSION CONTROL METHODS APPROVED BY THE PROJECT ENGINEER.
 - SWALES AND DISTURBED AREAS SHALL BE SODDED OR SEEDED AND MULCHED AS SOON AS PRACTICAL.
 - SEE GRADING AND DRAINAGE PLAN SHEETS 7 & 8 FOR MORE DETAILED LOCATION OF SILT FENCE.
 - THIS PLAN PROVIDES REASONABLE ASSURANCE THAT THE PROPOSED CONSTRUCTION ACTIVITIES WILL NOT RESULT IN EROSION AND SEDIMENT DEPOSITION IN WETLANDS OR OFF-SITE, ADVERSE IMPACTS TO WETLANDS, OFF-SITE FLOODING OR VIOLATION OF WATER QUALITY STANDARDS.

THE UNDERSIGNED ENSURES THAT THE SURFACE WATER AND STORMWATER MANAGEMENT MEASURES PROPOSED IN THE PLAN WILL BE EFFECTIVELY IMPLEMENTED UNTIL COMPLETION OF THE PROJECT OR UNTIL THE PERMANENT SURFACE WATER MANAGEMENT SYSTEM IS OPERATIONAL.

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Engineering Plan of
FREE FLIGHT AIRPORT
DEMO AND EROSION CONTROL PLAN
Sumter County, Florida 33521

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